

Title (en)

METHOD AND APPARATUS FOR PACKET SCHEDULING IN A WIRELESS NETWORK

Title (de)

VERFAHREN UND VORRICHTUNG ZUR PAKETPLANUNG IN EINEM DRAHTLOSEN NETZWERK

Title (fr)

PROCEDE ET DISPOSITIF DE PROGRAMMATION DE PAQUETS DANS UN RESEAU SANS FIL

Publication

**EP 1963874 A4 20130116 (EN)**

Application

**EP 06838876 A 20061130**

Priority

- US 2006046151 W 20061130
- US 30185505 A 20051213

Abstract (en)

[origin: US2007133454A1] Method and apparatus for packet scheduling in a wireless network is described. First values for a data transmission rate are measured for each of a plurality of mobile stations over time. Second values for a function of the data transmission rate are computed using at least one of the first values for each of the mobile stations. A rate of change of the data transmission rate is computed for each of the plurality of mobile stations using the second values associated therewith. A stability of the data transmission rate is computed for each of the plurality of mobile stations using the second values associated therewith. A channel quality factor is determined for each of the mobile stations using a current value of the second values, the rate of change of the function, and the stability of the function associated therewith.

IPC 8 full level

**H04W 72/54** (2023.01); **H04W 84/12** (2009.01)

CPC (source: EP US)

**H04W 72/542** (2023.01 - EP US); **H04W 72/543** (2023.01 - EP US)

Citation (search report)

- [I] US 2003232625 A1 20031218 - BHUSHAN NAGA [US], et al
- [I] US 2005130664 A1 20050616 - SANG AIMIN [US], et al

Designated contracting state (EPC)

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